

**Order No.:** 51HN11DB4MDA3S | **GTIN (EAN):** 4069025363350

**Product description:** HB11mx,nrrw,30000lm840,DA2,EL3h-iT

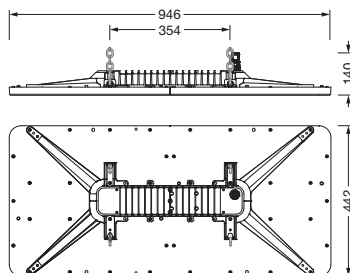


high bay luminaire Highbay 11 maxi; direct symmetric narrow distribution, light control with lens of PMMA;  $UGR \leq 22$  ( $X = 4H$  |  $Y = 8H$  |  $S = 0.25H$  | reflection values 70/50/20); luminous flux: 30.000lm; light colour: 840, colour temperature: 4000K, MacAdam  $\leq 2$  SDCM (initial), colour rendering: CRI > 80; luminous efficacy: 199,6lm/W; rated service life: 100.000h (L95) at AT= 25°C; control: DALI 2; luminaire connection: terminal, 5+1-pole, max. 2.5mm<sup>2</sup> (cable entry for two cables, Ø 8.5..13mm); mains connection: 230..240V, AC 50/60Hz; connected load: 150,3W; protection rating (complete): IP66; insulation class (complete): insulation class I (protective earthing); protection symbol: D; impact resistance: IK08; certification: CE, UKCA; luminaire with self-contained emergency lighting element with integrated self-test function according to EN 60598-2-22, nominal operating time: 3h, battery: LiFePO<sub>4</sub>, 9Ah; internal wiring halogen-free; luminaire LABS conformity tested according to VDMA 24364:2018-05; Suitable for use in the food industry according to the specifications of IFS-Food, HACCP and/or BRC; housing frame of high-performance plastic PA6, matt traffic white (RAL 9016); cover of PMMA; dimension (LxWxH): 946 x 442 x 72mm; permissible operating ambient temperature: +5..+35°C (reducing of maximum allowable ambient temperature of 5°C with ceiling mounting); packaging unit: 1 piece; (delivery without accessories; please order mounting accessories separately)

IP 66 IK 08



Lamps: LED  
Wt. (kg): 7.6  
GTIN (EAN): 4069025363350



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

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**Detailed technical description:** HB11mx,nrrw,30000lm840,DA2,EL3h-iT



## Key data

- Product type: high bay luminaire
- Product name: Highbay 11 maxi
- Order No.: 51HN11DB4MDA3S

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover
- Beam angle: narrow distribution
- Symmetry: symmetric
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis:  $\leq 22$
- UGR viewing direction along lateral luminaire axis:  $\leq 22$

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 30000lm
- Luminous efficacy: 200lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI  $> 80$
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 2$  SDCM (initial)
- Rated input power: 150.3W
- Supplement: internal wiring halogen-free

#### Operating device:

- Control: DALI 2

### Component 2

#### Operating device:

- Switching method: with self-contained emergency lighting element with integrated self-test function according to EN 60598-2-22
- Battery: LiFePO4
- Nominal operating time: 3h

## Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK08
- Protection symbol: D
- Temperature range (operation):  $+5..+35^{\circ}\text{C}$
- Supplement: LABS conformity tested according to VDMA 24364:2018-05, Suitable for use in the food industry according to the specifications of IFS-Food, HACCP and/or BRC
- Standard: EN 60598-2-22, EPBD ready: DALI 2 ECG, certified according to IEC62386, parts 251 (Luminaire Data), 252 (Energy Data), 253 (Diagnostics & Maintenance Data)
- Certification, designation: CE, UKCA

## Material, Colour

- housing frame: high-performance plastic PA6, matt traffic white (RAL 9016)
- Cover: cover of PMMA

## Mounting

- Mounting method, mounting location: suspended mounting, surface-mounted, to wire, to the ceiling, to the wall, to the chain
- Arrangement: single arrangement

## Electrical connection

- Connection: terminal, 5+1-pole, max.  $2.5\text{mm}^2$
- Nominal voltage: 230..240V, 50/60Hz, AC

## Dimensions, Weight

- Length: 946mm
- Width: 442mm
- Height: 72mm
- Weight: 7.6kg

## Service life

- Rated service life: 100000h (L95) at AT =  $25^{\circ}\text{C}$ , 100000h (L90) at AT = ta max

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